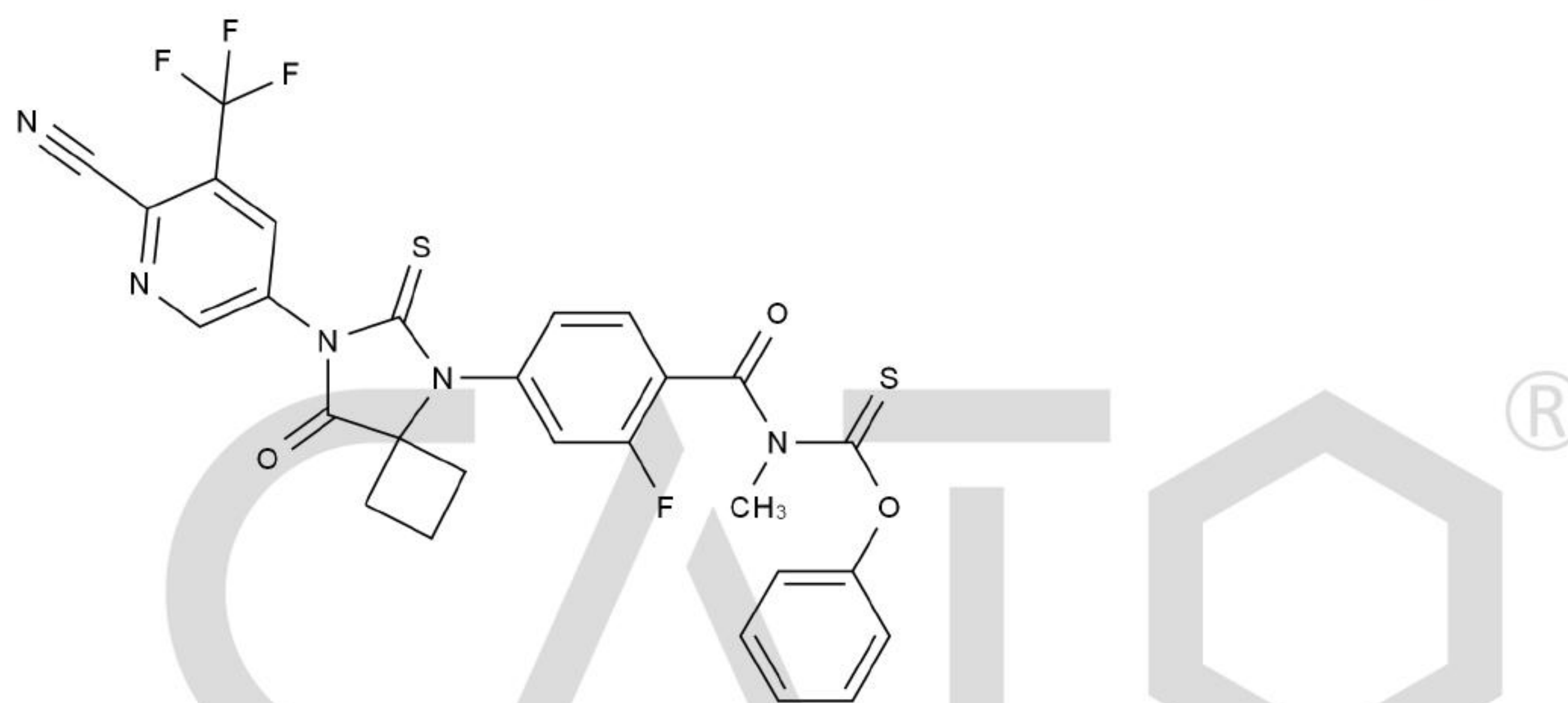


Certificate of Analysis

Reference Material & Standard

Product Name:	Apalutamide Impurity 9	Catalogue Number:	C4X-27499
Synonyms:	N/A	Lot Number:	0422-RF-0129
CAS Number:	N/A	Expiry Date:	Apr 24, 2027
Molecular Formula:	C ₂₈ H ₁₉ F ₄ N ₅ O ₃ S ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	613.61	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	98.606%
Loss On Drying	TGA	0.9920%
Assay		97.6%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Aproved by General Manager:

David

Date: Apr 25, 2024

Date: Apr 26, 2024

Date: Apr 26, 2024

